A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A61M5/152 A61M5/168

According to international Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2 979 055 A (DE BEER EDWIN J ET AL) 11 April 1961 (1961-04-11)	1-5,7,20
Υ	column 2, lines 11-50; figure 1	6
X	US 3 252 623 A (CORBIN THOMAS H ET AL) 24 May 1966 (1966-05-24)	1-5,7,20
Υ	column 2, line 59 - column 3, line 10; figure 1	6 .
Y	US 2002/045856 A1 (JAAFAR ALI ET AL) 18 April 2002 (2002-04-18) abstract	6
X	EP 0 947 208 A (AUBEX CORP) 6 October 1999 (1999-10-06)	1,2,8-15
Y A	paragraphs '0020! - '0029!; figures 1,2	16 3-7, 17-22

rs are listed in annex.		
 "T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family 		
mational search report		
2005		
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, D		

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
aradinia ,	Orangon of Goodingal, Willi fillication, where appropriate, or the relevant passages	riolovant to Claim 140.
	US 4 386 929 A (PEERY JOHN R ET AL)	1,2,8-15
	7 June 1983 (1983-06-07) column 1, line 67 - column 2, line 16;	16
	figures 1,2	3-7, 17-22
	EP 0 885 620 A (LEE YOUNG GYU)	1,2,8-15
	23 December 1998 (1998-12-23) column 3, line 43 - column 5, line 28; figures 1,2a	16
	rigures 1,2a	3-7, 17-22
	US 4 976 687 A (MARTIN JAMES) 11 December 1990 (1990-12-11)	1-9,14, 15,17, 18,20-22
	column 6, line 4 - column 7, line 19; figure 7	16,19 10-13
	US 2003/018304 A1 (SAGE BURTON H) 23 January 2003 (2003-01-23)	1-9,17, 20-22
i	paragraphs '0015!, '0025! - '0029!; figure 1	10-16, 18,19
	WO 88/00841 A (KEOGH EDWARD JOHN) 11 February 1988 (1988-02-11) page 2, lines 6-37; figures 1-3	1-8,17, 18,20-22 16,19 9-15
	US 4 673 389 A (SLAKER FRANK A ET AL) 16 June 1987 (1987-06-16)	1,2,4-7, 17,18,20 16,19
	column 2, line 27 - column 4, line 12; figure 1	3,8-15, 21,22
	GB 2 309 801 A (MELDET LTD) 6 August 1997 (1997-08-06) page 8, paragraph 2	19
	, ————————————————————————————————————	
•	·	

:/IB20	004/002245
	Publication date

US 2979055 A 11-04-1961 GB 769876 A 13-03-1957 US 3252623 A 24-05-1966 DE 1548916 A1 20-01-1977 FR 1487624 A 07-07-1967	-
(,
GB 1116548 A 06-06-1968 NL 6610358 A 23-01-1968	7 3
US 2002045856 A1 18-04-2002 US 2004162515 A1 19-08-2004	- 4
EP 0947208 A 06-10-1999 JP 11285530 A 19-10-1999 DE 69918587 D1 19-08-2004 EP 0947208 A2 06-10-1999	4
US 4386929 A 07-06-1983 US 4318400 A 09-03-1988 AR 223752 A1 15-09-1983 AT 24666 T 15-01-1983 AU 535730 B2 05-04-1983 AU 6614381 A 23-07-198 BR 8100242 A 04-08-198 CA 1165199 A1 10-04-198 CA 1183749 A2 12-03-198 DE 3175789 D1 12-02-198 EP 0032792 A2 29-07-198 EP 0172586 A1 26-02-198 ES 265204 Y 16-01-198 ES 270885 Y 16-11-198 IL 61891 A 30-12-198 JP 1817998 C 27-01-199 JP 3055142 B 22-08-199 JP 56102252 A 15-08-198 MX 153175 A 15-08-198 MX 153175 A 27-04-198	1 7 4 1 1 1 4 5 7 1 6 4 4 3 4 1 1 1 6
EP 0885620 A 23-12-1998 KR 262930 B1 01-08-200 AT 264123 T 15-04-200 AU 750399 B2 18-07-200 AU 7197698 A 24-12-199 CA 2241075 A1 19-12-199 CN 1211453 A 24-03-199 DE 69823097 D1 19-05-200 DK 885620 T3 09-08-200 EP 0885620 A2 23-12-199 HK 1016825 A2 29-10-199 IL 124950 A 12-01-200 JP 11009689 A 19-01-199 PT 885620 T 31-08-200 SG 67514 A1 21-09-199 US 6024724 A 15-02-200	4 2 8 8 9 4 4 8 9 3 9 4 9
US 4976687 A 11-12-1990 NONE	_
US 2003018304 A1 23-01-2003 US 2004019321 A1 29-01-200	4
WO 8800841 A 11-02-1988 AU 7800187 A 24-02-198 WO 8800841 A1 11-02-198	
US 4673389 A 16-06-1987 AU 575700 B2 04-08-198 AU 5000785 A 05-06-198	

71	B20	U4/	UU224	15
, -		-		

Patent document cited in search report		Publication		Patent family	Publication date
US 4673389		and of	CA DE EP ES HK JP KR SG US	1251110 A1 3580093 D1 0184391 A2 290331 U 26391 A 61131755 A 9200438 B1 14991 G 4637817 A 4714463 A	14-03-1989 15-11-1990 11-06-1986 01-08-1986 19-04-1991 19-06-1986 14-01-1992 21-06-1991 20-01-1987 22-12-1987
GB 2309801	A	06-08-1997	NONE		